

METHOD OF FORMING A HEX NUT FROM A PLANAR MATERIAL

ABSTRACT OF THE DISCLOSURE

- 5 A hex nut formed from cutting and deforming a rigid planar material and having an integral attachment surface continuous with the deformable planar material allows attachment of the hex nut to any suitable surface. A rigid planar material such as a piece of flat metal is cut according to a particular pattern. The particular pattern includes each of the sides of the hex nut and one or more attachment surfaces as a continuous shape.
- 10 The flat metal is then deformed, or bent, along certain lines to form a hex nut, or other polygonal shaped object. The attachment surface or surfaces, which extend from the sides of the hex nut, are then secured to a surface of a rotatable object, such as by adhesion or spot welding, or other suitable methods. In this manner, the hex nut can be engaged by a receptacle such as a wrench for rotating the hex nut and consequently, the
- 15 object which is attached through the attachment surface.